

## SEQUENCE LISTING

<110> HIRSCH, FRANCOIS  
HAEFFNER, ASTRID

<120> NF-KB ACTIVATION INHIBITORS, AND THEIR PHARMACEUTICAL  
USES

<130> USB98CNRN

<140> 09/856,796  
<141> 2001-05-25

<150> PCT/FR99/02897  
<151> 1999-11-24

<150> FR 98/14858  
<151> 1998-11-25

<160> 4

<170> PatentIn Ver. 2.1

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tgc ctg ccc tgg ctt caa gag ggc agt gcc ttc cca acc att ccc tta					96
Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile Pro Leu					
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tcc agg ctt ttt gac aac gct agt ctc cgc gcc cat cgt ctg cac cag					144
Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg Leu His Gln					
35	40	45			
ctg gcc ttt gac acc tac cag gag ttt aac ccc cag acc tcc ctc tgt					192
Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys					
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ttc tca gag tct att ccg aca ccc tcc aac agg gag gaa aca caa cag					240
Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln					
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aaa tcc aac cta gag ctg ctc cgc atc tcc ctg ctc atc cag tcg					288
Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser					
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tgg ctg gag ccc gtg cag ttc ctc agg agt gtc ttc gcc aac agc ctg Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu 100 105 110	336
gtg tac ggc gcc tct gac agc aac gtc tat gac ctc cta aag gac cta Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu 115 120 125	384
gag gaa ggc atc caa acg ctg atg ggg agg ctg gaa gat ggc agc ccc Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro 130 135 140	432
cgg act ggg cag atc ttc aag cag acc tac agc aag ttc gac aca aac Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn 145 150 155 160	480
tca cac aac gat gac gca cta ctc aag aac tac ggg ctg ctc tac tgc Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys 165 170 175	528
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Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys 50 55 60
Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln 65 70 75 80
Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser 85 90 95
Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu 100 105 110
Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu 115 120 125

Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro  
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 Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn  
 145 150 155 160  
 Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys  
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atc tgt gac agc cga gtc ctg gag agg tac ctc ttg gag gcc aag gag Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu 35 40 45	144
gcc gag aat atc acg acg ggc tgt gct gaa cac tgc agc ttg aat gag Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu 50 55 60	192
aat atc act gtc cca gac acc aaa gtt aat ttc tat gcc tgg aag agg Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg 65 70 75 80	240
atg gag gtc ggg cag cag gcc gta gaa gtc tgg cag ggc ctg gcc ctg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu 85 90 95	288
ctg tcg gaa gct gtc ctg cgg ggc cag gcc ctg ttg gtc aac tct tcc Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser 100 105 110	336
cag ccg tgg gag ccc ctg cag ctg cat gtg gat aaa gcc gtc agt ggc Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly 115 120 125	384

ctt cgc agc ctc acc act ctg ctt cggt gct ctg gga gcc cag aag gaa	432
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130 135 140	
gcc atc tcc cct cca gat gcg gcc tca gct gct cca ctc cga aca atc	480
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145 150 155 160	
act gct gac act ttc cgc aaa ctc ttc cga gtc tac tcc aat ttc ctc	528
Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu	
165 170 175	
cggt gga aag ctg aag ctg tac aca ggg gag gcc tgc agg aca ggg gac	576
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Arg	

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Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu	
35 40 45	
Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu	
50 55 60	
Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg	
65 70 75 80	
Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu	
85 90 95	
Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser	
100 105 110	
Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly	
115 120 125	
Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu	
130 135 140	
Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile	
145 150 155 160	

Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu  
165 170 175

Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp  
180 185 190

Arg